# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S4 | 17 | S1 and (detect$4 or sens$4) and (robot$4 or robotic$4) and (stop$4 or hault$4 or disabl$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 10:54 |
| S59 | 17 | "4870592" and (interrupt$4 or stop$4 or deenergiz$4 or discontinu$4 or safety or emergency) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 10:57 |
| S62 | 7204 | "901"/$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 10:58 |
| S24 | 91 | S19 and (sens$4 or detect$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) near4 (power or motor or servomotor)) and (operator or user or human or person) and emergency and robot | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 10:58 |
| S64 | 2 | ("4870592").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/29 11:07 |
| S63 | 88 | S62 and (sens$4 or detect$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) near4 (power or motor or servomotor)) and (operator or user or human or person) and emergency and robot | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 11:07 |
| S65 | 92 | S62 and (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) near4 (power or motor or servomotor)) and (operator or user or human or person) and emergency and robot | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 11:09 |
| S66 | 32 | S62 and (sens$4 or detect$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) near4 (power or motor or servomotor)) and (operator or user or human or person) and emergency and robot and (cancel$4 or reset$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 11:11 |
| S67 | 152 | S62 and (sens$4 or detect$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) near4 (power or motor or servomotor)) and (operator or user or human or person) and robot and (cancel$4 or reset$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 11:12 |
| S68 | 34 | ("3797636" \| "3952388" \| "3986623" \| "4035904" \| "4237598" \| "4309600" \| "4472783" \| "4503596" \| "4550682" \| "4602417" \| "4615719" \| "4630216" \| "4646245" \| "4711016" \| "4722653").PN. OR ("4870592").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/23 16:08 |
| S26 | 85 | S19 and (motor or servomotor) and robot and (human or operator or user) and (emergency$4 near4 stop$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:08 |
| S22 | 1655 | S19 and (sens$4 or detect$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) same (power or motor or servomotor)) and (operator or user or human or person) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:09 |
| S70 | 1251 | "414"/$ and (sens$4 or detect$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) same (power or motor or servomotor)) and (operator or user or human or person) and robot | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:10 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S69 | 5790 | "414"/$ and (sens$4 or detect$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) same (power or motor or servomotor)) and (operator or user or human or person) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:10 |
| S72 | 155 | "414"/$ and (sens$4 or detect$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) same (power or motor or servomotor)) and (operator or user or human or person) and robot$4 and ((stop$4 or interrupt$4 or hault$4) near4 (power or supply)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:11 |
| S71 | 1564 | "414"/$ and (sens$4 or detect$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) same (power or motor or servomotor)) and (operator or user or human or person) and robot$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:11 |
| S73 | 690 | "414"/$ and (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) same (power or supply$4 or motor or servomotor)) and (operator or user or human or person) and robot$4 and (approach$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:12 |
| S75 | 1260 | "414"/$ and (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) same (power or supply$4 or motor or servomotor)) and (operator or user or human or person) and robot$4 and (approach$4 or enter$4 or entranc$4 or entry) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:13 |
| S74 | 1201 | "414"/$ and (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) same (power or supply$4 or motor or servomotor)) and (operator or user or human or person) and robot$4 and (approach$4 or enter$4 or entranc$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:13 |
| S76 | 554 | "414"/$ and (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) same (power or supply$4 or motor or servomotor)) and (operator or user or human or person) and robot$4 and (approach$4 or enter$4 or entranc$4 or entry) and ((approach$4 or enter$4 or entranc$4 or entry) same (sens$4 or detect$4 or monitor$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR · | ON | 2006/04/23 16:14 |
| S77 | 270 | "414"/$ and (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) same (power or supply$4 or motor or servomotor)) and (operator or user or human or person) and robot$4 and (approach$4 or enter$4 or entranc$4 or entry) and ((approach$4 or enter$4 or entranc$4 or entry) near9 (sens$4 or detect$4 or monitor$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:16 |
| S78 | 36 | "414"/$ and (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) same (power or supply$4 or motor or servomotor)) and (operator or user or human or person) and robot$4 and (approach$4 or enter$4 or entranc$4 or entry) and ((approach$4 or enter$4 or entranc$4 or entry) near9 (sens$4 or detect$4 or monitor$4)) and emergency | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:18 |
| S79 | 33 | "414"/$ and (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) same (power or supply$4 or motor or servomotor)) and (operator or user or human or person) and robot$4 and (approach$4 or enter$4 or entranc$4 or entry) and ((approach$4 or enter$4 or entranc$4 or entry) near9 (sens$4 or detect$4 or monitor$4)) and emergency and (plant or manufactur$4 or industrial or facilit$4 or assembly) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:19 |
| S80 | 32 | "414"/$ and (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) same (power or supply$4 or motor or servomotor)) and (operator or user or human or person) and robot$4 and (approach$4 or enter$4 or entranc$4 or entry) and ((approach$4 or enter$4 or entranc$4 or entry) near9 (sens$4 or detect$4 or monitor$4)) and emergency and (plant or manufactur$4 or facilit$4 or assembly) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:20 |

| S81 | 31 | "414"/$ and (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) near4 (power or supply$4 or motor or servomotor)) and (operator or human or person) and robot$4 and (approach$4 or enter$4 or entranc$4 or entry) and ((approach$4 or enter$4 or entranc$4 or entry) near4 (sens$4 or detect$4 or monitor$4)) and (safety or emergency ) and (plant or manufactur$4 or facilit$4 or assembly) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:21 |
|---|---|---|---|---|---|---|
| S82 | 13 | "414"/$ and (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) near4 (power or supply$4 or motor or servomotor)) and (operator or human or person) and robot$4 and (approach$4 or enter$4 or entranc$4 or entry) and ((approach$4 or enter$4 or entranc$4 or entry) near4 (sens$4 or detect$4 or monitor$4)) and (safety or emergency ) and (( manufactur$4 or industrial or assembly ) near4 (plant or line or facilit$4 )) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:26 |
| S84 | 14 | S83 and "318"/$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:29 |
| S83 | 217 | (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) near4 (power or supply$4 or motor or servomotor)) and (operator or human or person) and robot$4 and (approach$4 or enter$4 or entranc$4 or entry) and ((approach$4 or enter$4 or entranc$4 or entry) near4 (sens$4 or detect$4 or monitor$4)) and (safety or emergency ) and (( manufactur$4 or industrial or assembly ) near4 (plant or line or facilit$4 )) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:30 |
| S85 | 58 | (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) near4 (power or supply$4 or motor or servomotor)) and (operator or human or person) and robot$4 and (approach$4 or enter$4 or entranc$4 or entry) and ((approach$4 or enter$4 or entranc$4 or entry) near4 (sens$4 or detect$4 or monitor$4)) and (safety or emergency ) and (( manufactur$4 or industrial or assembly ) near4 (plant or line or facilit$4 )) and ((off$2 adj2 limit$4) or unsafe or hazard$4 or (un$2 adj2 safe)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:32 |
| S86 | 32 | (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) near4 (power or supply$4 or motor or servomotor)) and (operator or human or person or user) and robot$4 and (approach$4 or enter$4 or entranc$4 or entry) and ((approach$4 or enter$4 or entranc$4 or entry) near4 (sens$4 or detect$4 or monitor$4)) and (safety or emergency ) and (( manufactur$4 or industrial or assembly ) near4 (plant or line or facilit$4 )) and (((off$2 adj2 limit$4) or unsafe or hazard$4 or (un$2 adj2 safe)) same (user or operator or human or person)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 16:35 |
| S89 | 28 | ("4263647" \| "4401976" \| "4437089" \| "4481449" \| "4616216" \| "4772875" \| "4818866" \| "4857912" \| "4898263" \| "4912384" \| "5218196" \| "5263570" \| "5278454" \| "5280622" \| "5319306" \| "5407028" \| "5408089" \| "5426355" \| "5451879" \| "5473368" \| "5576972" \| "5880954" \| "6173814" \| "6215204" \| "6246318" \| "6246928" \| "6388563" \| "6392318").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/23 17:35 |
| S87 | 274 | (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) near4 (power or supply$4 or motor or servomotor)) and (operator or human or person or user) and robot$4 and (approach$4 or enter$4 or entranc$4 or entry) and ((approach$4 or enter$4 or entranc$4 or entry) near4 (sens$4 or detect$4 or monitor$4)) and (safety or emergency (off$2 adj2 limit$4) or unsafe or hazard$4 or (un$2 adj2 safe)) and (((off$2 adj2 limit$4) or unsafe or hazard$4 or (un$2 adj2 safe) or safe ) same (user or operator or human or person)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 17:56 |

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|---|---|---|---|---|---|---|
| S90 | 190 | (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) near4 (power or supply$4 or motor or servomotor)) and (operator or human or person or user) and robot$4 and (approach$4 or enter$4 or entranc$4 or entry) and ((approach$4 or enter$4 or entranc$4 or entry) near4 (sens$4 or detect$4 or monitor$4)) and (safety or emergency (off$2 adj2 limit$4) or unsafe or hazard$4 or (un$2 adj2 safe)) and (((off$2 adj2 limit$4) or unsafe or hazard$4 or (un$2 adj2 safe) or safe ) same (user or operator or human or person)) and (reset$4 or restart$4 or cancel$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 17:57 |
| S88 | 585 | (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) near4 (power or supply$4 or motor or servomotor)) and (operator or human or person or user) and robot$4 and (approach$4 or enter$4 or entranc$4 or entry or presence) and ((approach$4 or enter$4 or entranc$4 or entry or presence or person or human or user) near4 (sens$4 or detect$4 or monitor$4)) and (safety or emergency (off$2 adj2 limit$4) or unsafe or hazard$4 or (un$2 adj2 safe)) and (((off$2 adj2 limit$4) or unsafe or hazard$4 or (un$2 adj2 safe) or safe ) same (user or operator or human or person)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 17:58 |
| S92 | 167 | S91 not S90 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 17:59 |
| S91 | 357 | (sens$4 or detect$4 or monitor$4) and ((emergency or stop$4 or hault$4 or interrupt$4 or connect$4) near4 (power or supply$4 or motor or servomotor)) and (operator or human or person or user) and robot$4 and (approach$4 or enter$4 or entranc$4 or entry or presence) and ((approach$4 or enter$4 or entranc$4 or entry or presence or person or human or user) near4 (sens$4 or detect$4 or monitor$4)) and (safety or emergency (off$2 adj2 limit$4) or unsafe or hazard$4 or (un$2 adj2 safe)) and (((off$2 adj2 limit$4) or unsafe or hazard$4 or (un$2 adj2 safe) or safe ) same (user or operator or human or person)) and (reset$4 or restart$4 or cancel$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/23 17:59 |